

Title (en)  
TWO-SPINDLE MACHINE TOOL WITH A DOUBLE DISC MAGAZINE

Title (de)  
ZWEISPINDELWERKZEUGMASCHINE MIT ZWEISCHEIBENMAGAZIN

Title (fr)  
MACHINE-OUTIL A DEUX BROCHES DOTEE D'UN MAGASIN A DEUX DISQUES

Publication  
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Application  
**EP 00922559 A 20000327**

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Abstract (en)  
[origin: WO0066317A1] The invention relates to a machine tool (1). Two spindle heads (3, 4) with a work spindle (5, 6) respectively are provided on a machine stand (2). The spindle heads can be displaced independently from one another in the vertical and horizontal direction. A tool store consisting of two disc magazines (7, 8) that are arranged closely but independently from one another is situated on the upper side of the machine stand (2). The disc magazines (7, 8) are provided with tongs-like receptacles (12) for receiving machining tools (11). The receptacles (12) are arranged in the peripheral area of the disc magazines (7, 8) in such a way that the insertion direction of the machining tools (11) into the tongs-like receptacles (12) extends in an obtuse angle (  $\alpha$  ) in relation to the connection line between the rotational axis of the respective disc magazine (7, 8) and the axis of the respective machining tool (11) which rests in the tongs-like receptacle (12) respectively.

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